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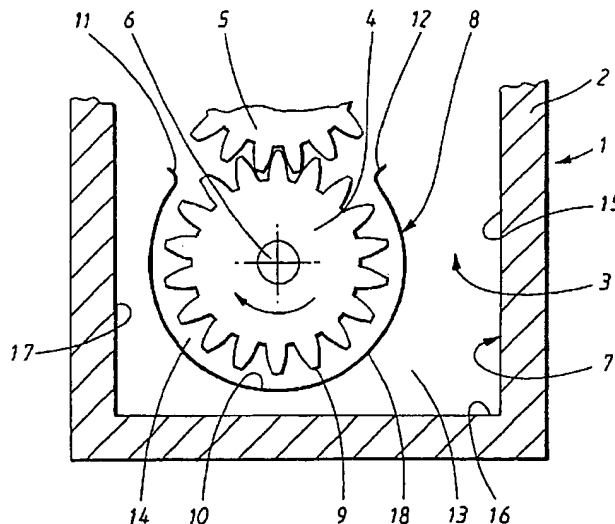
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(54) Title: **DEVICE FOR REDUCING ENERGY LOSSES IN A MACHINERY UNIT**



(57) **Abstract:** The present invention relates to a device for reducing energy losses in a machinery unit (1), having at least one part (4) which is arranged to rotate in fluid about a rotation axis (6) in a substantially closed chamber (3) delimited in the radially outward direction by means of a wall (18) extending around the rotation axis. The wall (18) has a radially inward facing wall surface (10) extending wholly or partially around the revolution, which wall surface is highly smooth and extends close to, but with an interspace (14) to the radially outer surface which is generated around the revolution by the rotary part (4). The interspace is suited to minimizing the rotating fluid volume and, at the same time, maintaining necessary width for a boundary layer in the fluid between the generated surface and the wall surface.

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